LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087245.D
Acq On : 21 May 2016 1:19
Operator : UM/SJ
Sample : H3144-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-AB-AC(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.701	8	10	42	rVB	1974025	3750535	80.49%	8.557%
2	3.953	205	207	220	rBV	30517	101755	2.18%	0.232%
3	4.684	269	271	289	rBV	426063	908990	19.51%	2.074%
4	5.142	309	311	331	rBV	3766019	4258446	91.39%	9.715%
5	6.227	403	406	408	rBV	4104096	4574446	98.17%	10.436%
6	6.330	413	415	417	rBV	4579842	4659576	100.00%	10.631%
7	6.559	433	435	441	rVB	638366	891275	19.13%	2.033%
8	6.707	446	448	451	rBV	3147516	2907271	62.39%	6.633%
9	7.130	483	485	488	rBV	2578537	2724539	58.47%	6.216%
10	7.839	545	547	557	rBV	1107778	1204198	25.84%	2.747%
11	8.925	639	642	644	rBV	4391183	4651800	99.83%	10.613%
12	9.325	675	677	679	rBV	570271	504163	10.82%	1.150%
13	9.531	693	695	697	rBV	138052	136515	2.93%	0.311%
14	9.588	697	700	702	rBV	1548534	1415601	30.38%	3.230%
15	9.771	712	716	717	rBV	26985	50993	1.09%	0.116%
16	10.033	736	739	740	rBV	219785	201422	4.32%	0.460%
17	10.251	755	758	761	rBV	69201	113726	2.44%	0.259%
18	10.376	766	769	772	rBV	2688634	2755710	59.14%	6.287%
19	10.502	777	780	787	rVB	227476	288715	6.20%	0.659%
20	10.696	795	797	801	rVB	26431	48517	1.04%	0.111%
21	10.948	816	819	820	rBV	63331	59350	1.27%	0.135%
22	11.062	827	829	832	rBV	1455070	1341142	28.78%	3.060%
23	11.611	875	877	882	rBV	37168	64212	1.38%	0.146%
24	12.651	965	968	970	rBV	3838814	3951403	84.80%	9.015%
25	13.611	1048	1052	1057	rBV2	49589	181812	3.90%	0.415%
26	13.691	1057	1059	1066	rVB	1211519	1190693	25.55%	2.717%
27	14.457	1123	1126	1129	rBV	36051	59306	1.27%	0.135%
28	15.040	1175	1177	1189	rVB	677710	835746	17.94%	1.907%

Sum of corrected areas: 43831857

LSC Report - Integrated Chromatogram

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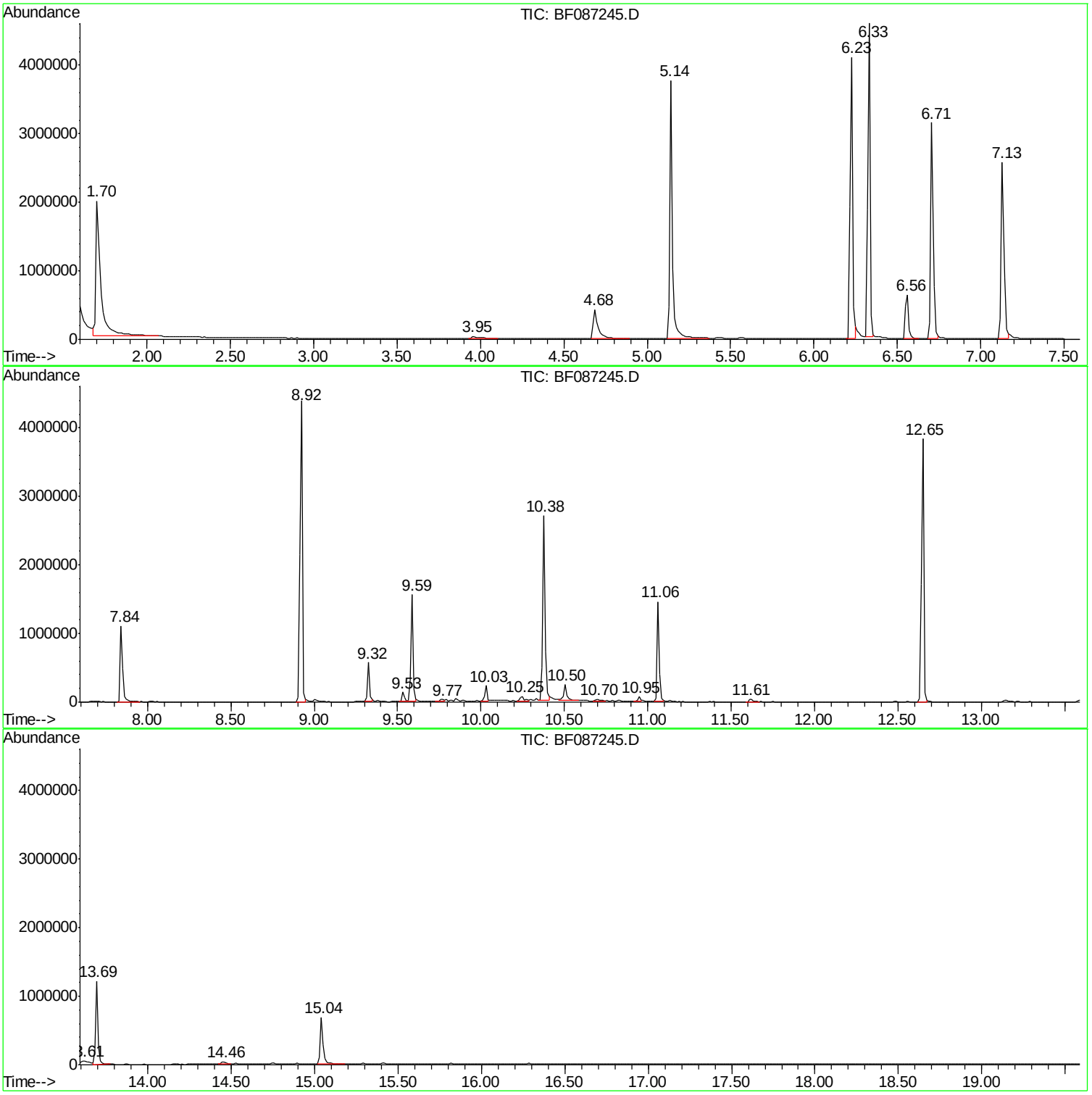
Instrument :
BNA_F
ClientSampleId :
5-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId : 5-AB-AC(0-2)

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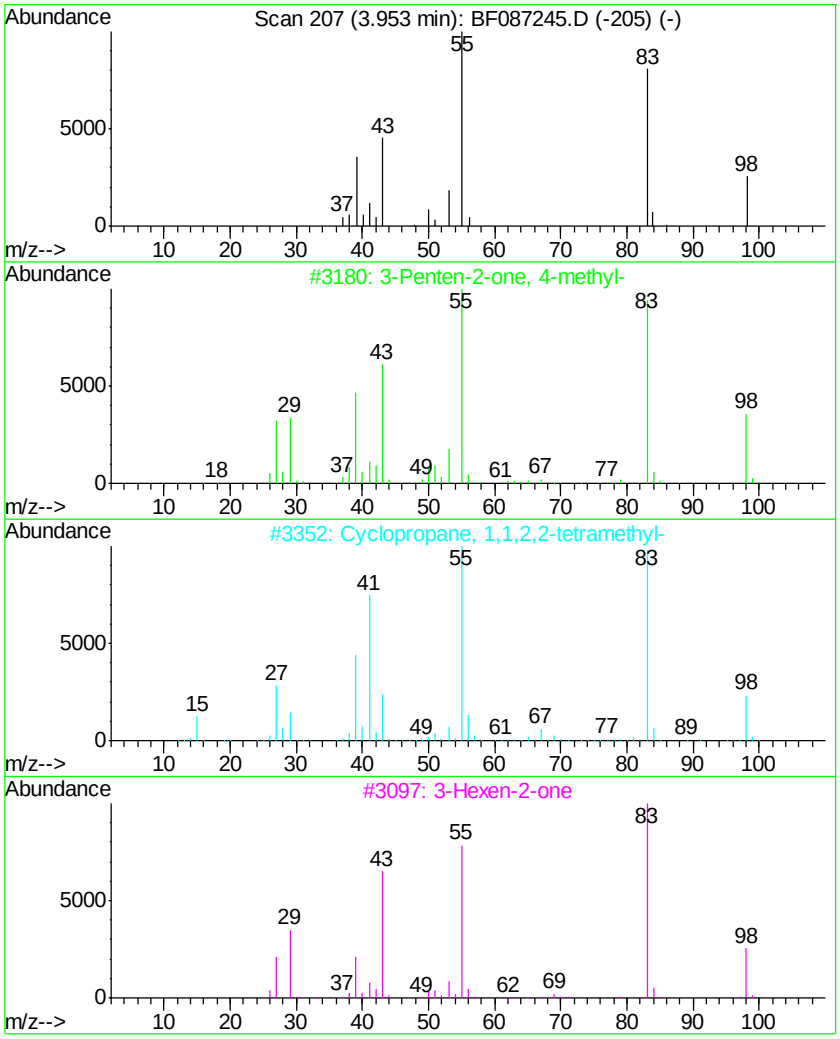
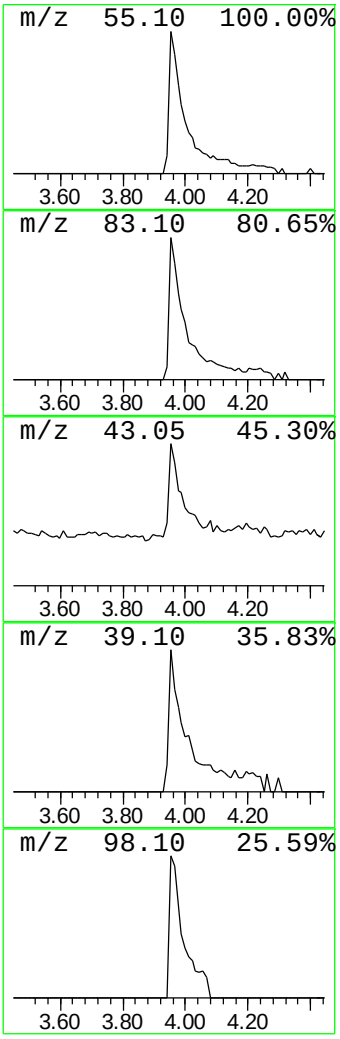
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	2.28 ng	101755	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
2	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	80
3	3-Hexen-2-one	98	C6H10O	000763-93-9	80
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	72





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Instrument : BNA_F
ClientSampleId : 5-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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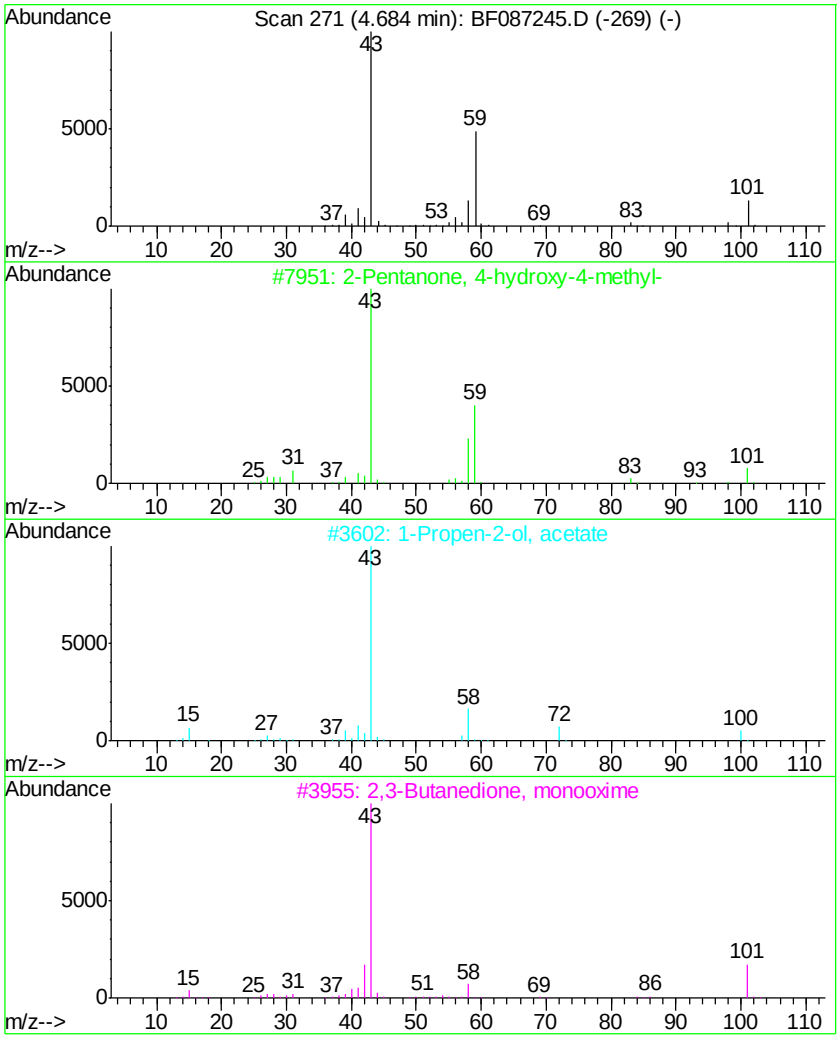
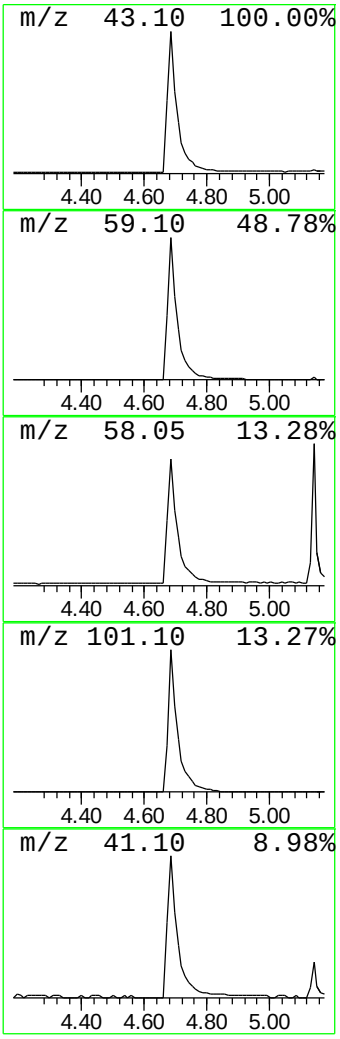
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	20.40 ng	908990	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





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Sample : H3144-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-AB-AC(0-2)

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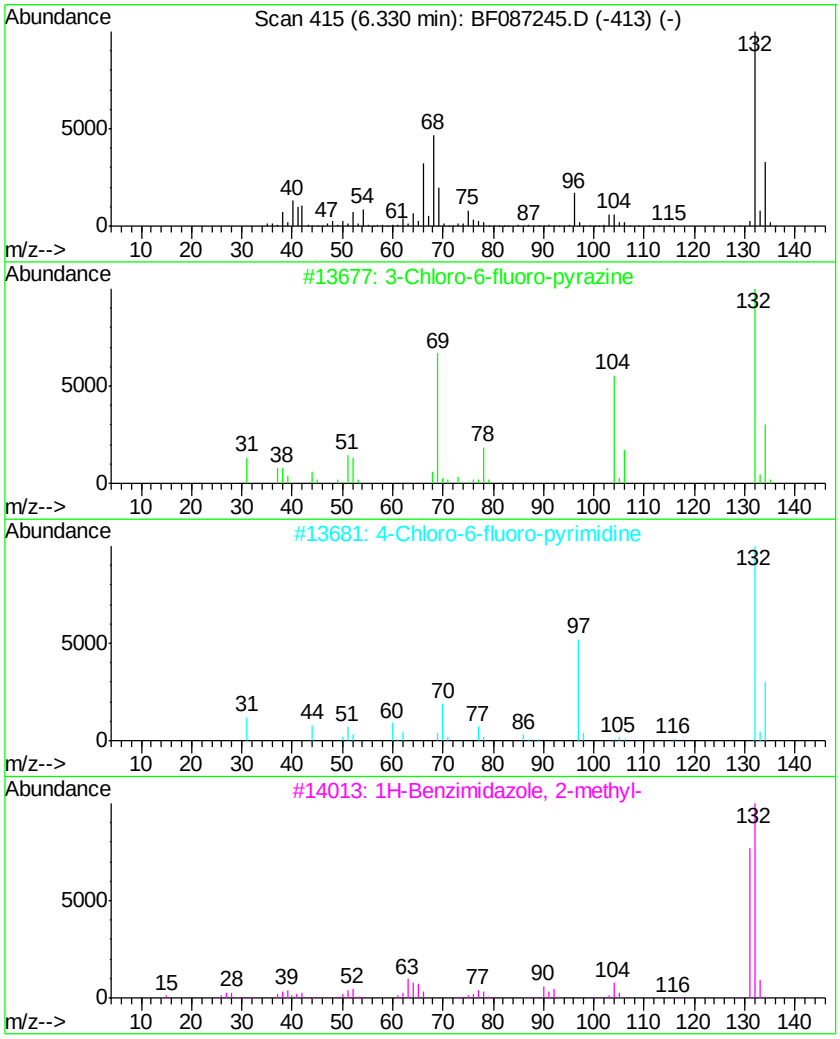
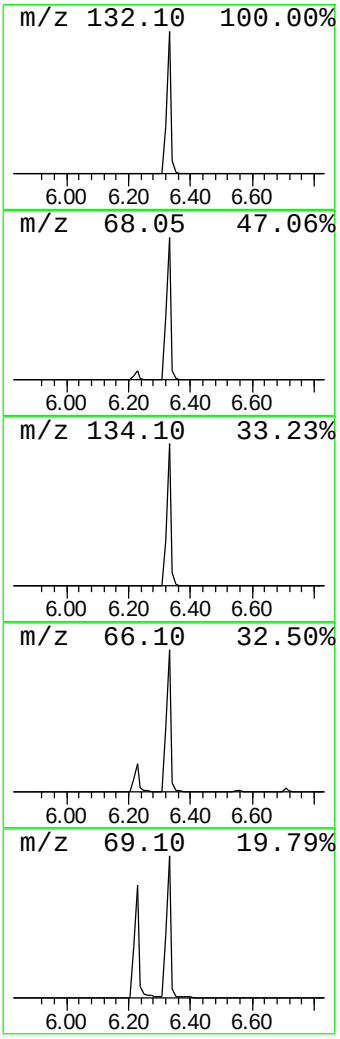
Peak Number 4 unknown6.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	104.56 ng	4659580	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
5-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
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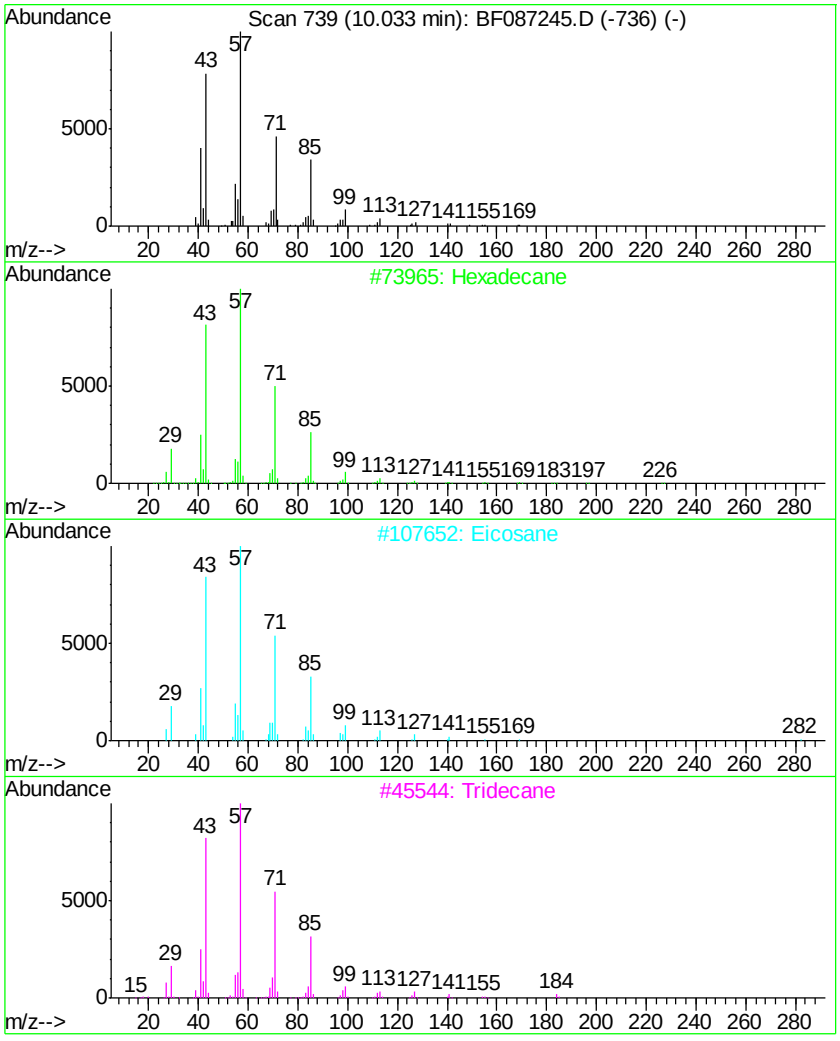
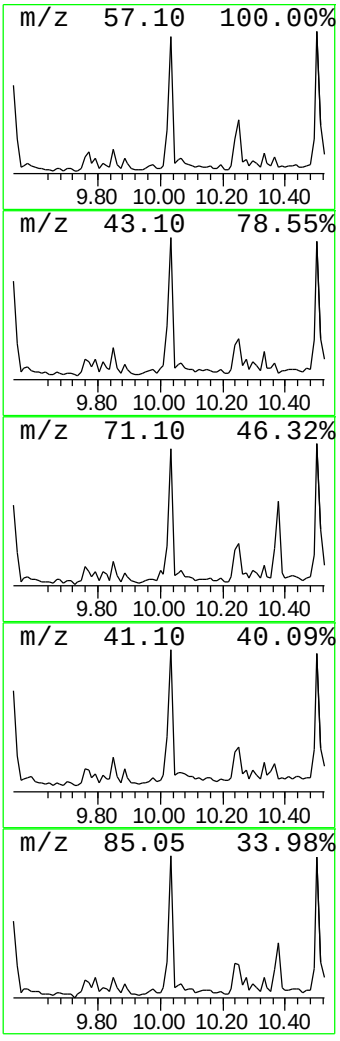
Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.85 ng	201422	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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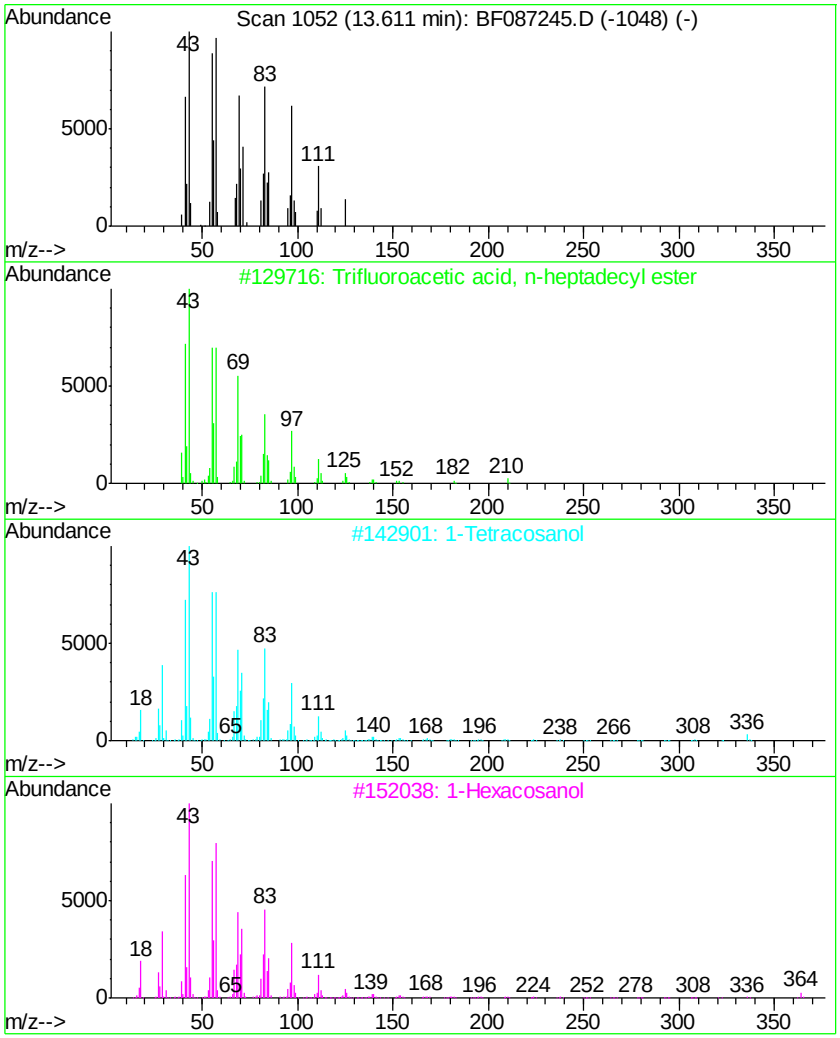
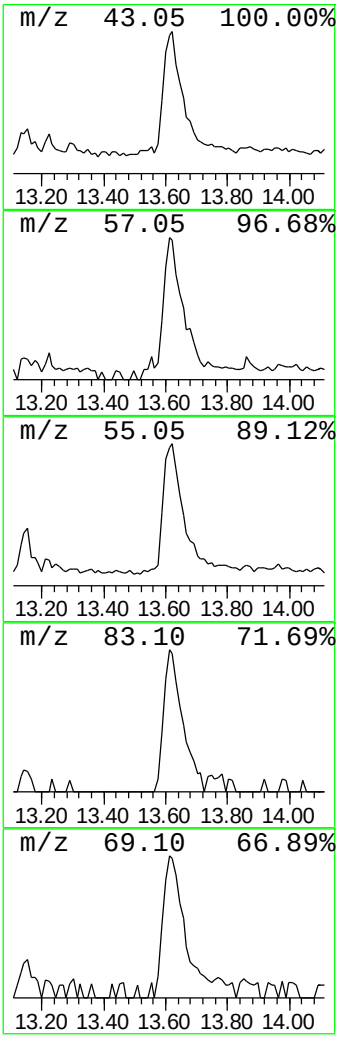
Peak Number 8 Trifluoroacetic acid, n-hep... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.05 ng	181812	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
2	1-Tetracosanol	354	C24H50O	000506-51-4	87
3	1-Hexacosanol	382	C26H54O	000506-52-5	74
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	58
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	58





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	3.95	2.3	ng	101755	1	6.56	891275	20.0
2-Pentanone, 4-hy...	4.68	20.4	ng	908990	1	6.56	891275	20.0
unknown6.33	6.33	104.6	ng	4659580	1	6.56	891275	20.0
Hexadecane	10.03	2.9	ng	201422	3	9.59	1415600	20.0
Trifluoroacetic a...	13.61	3.0	ng	181812	5	13.69	1190690	20.0